

Irrigation Water Test Packages

ID	Package	Description	Tests Included	Cost
WT01	Basic Package	Includes basic tests for assessing irrigation water quality and for troubleshooting irrigation water problems	pH, total alkalinity, bicarbonates, carbonates, residual sodium carbonate, hardness, electrical conductivity, total dissolved solids, calcium, magnesium, sodium, sodium absorption ratio, chloride, and boron	\$35.00
WT02	Complete Package	Includes tests from basic package plus fertilizer nutrients; use for evaluation of fertigation and recycled water; also appropriate for troubleshooting irrigation and fertigation water problems	pH, total alkalinity, bicarbonates, carbonates, residual sodium carbonate, hardness, electrical conductivity, total dissolved solids, calcium, magnesium, sodium, sodium absorption ratio, chloride, boron, nitrate-nitrogen, ammonium-nitrogen, phosphorus, potassium, sulfur, iron, manganese, copper, molybdenum, and zinc	\$55.00

Individual Water Tests

Test	Cost
Alkalinity, Carbonates, Bicarbonates	\$15.00
Ammonium Nitrogen	\$12.00
Chloride	\$15.00
Conductivity/Total Dissolved Solids	\$10.00
Fluoride	\$15.00
Hardness	\$20.00
Nitrate-Nitrogen	\$15.00
pH	\$10.00
Sulfur	\$15.00

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For additional information, visit extension.psu.edu/water or contact the lab.

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